

































-  Secrets
-  ABAP
-  Apex
-  C
-  C++
-  CloudFormation
-  COBOL
-  C#
-  CSS
-  Flex
-  Go
-  **HTML**
-  Java
-  JavaScript
-  Kotlin
-  Kubernetes
-  Objective C
-  PHP
-  PL/I
-  PL/SQL
-  Python
-  RPG
-  Ruby
-  Scala
-  Swift
-  Terraform
-  Text
-  TypeScript
-  T-SQL
-  VB.NET
-  VB6
-  XML



HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags

Search by name...

Table cells should reference their headers

Bug

Tables used for layout should not include semantic markup

Bug

Tables should have headers

Bug

"<html>" element should have a language attribute

Bug

<script>...</script> elements should not be nested

Bug

"<th>" tags should have "id" or "scope" attributes

Bug

"<title>" should be present in all pages

Bug

"<!DOCTYPE>" declarations should appear before "<html>" tags

Bug

Elements deprecated in HTML5 should not be used

Bug

HTML "<table>" should not be used for layout purposes

Code Smell

"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements

Code Smell

Videos should have subtitles

Code Smell

Using HTML comments is security-sensitive

Analyze your code

Security Hotspot Minor cwe jsp-jsf owasp

Using HTML-style comments in a page that will be generated or interpolated server-side before being served to the user increases the risk of exposing data that should be kept private. For instance, a developer comment or line of debugging information that's left in a page could easily (and has) inadvertently expose:

- Version numbers and host names
- Full, server-side path names
- Sensitive user data

Every other language has its own native comment format, thus there is no justification for using HTML-style comments in anything other than a pure HTML or XML file.

Ask Yourself Whether

- The comment contains sensitive information.
- The comment can be removed.

Recommended Secure Coding Practices

It is recommended to remove the comment or change its style so that it is not output to the client.

Sensitive Code Example

```
<%
    out.write("<!-- ${username} -->"); // Sensitive
%>

<!-- <% out.write(userId) %> --> // Sensitive
<!-- #{userPhone} --> // Sensitive
<!-- ${userAddress} --> // Sensitive

<!-- Replace 'world' with name --> // Sensitive
<h2>Hello world!</h2>
```

Compliant Solution











```
<!-- Replace 'world' with name --%> // Compliant
<h2>Hello world!</h2>
```

See

- OWASP Top 10 2017 Category A3 - Sensitive Data Exposure
- MITRE, CWE-615 - Information Exposure Through Comments

Available In:

sonarcloud | sonarqube

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"" and "" tags should be used</div> <div> Bug</div>
<div>"" and "<dt>" item tags should be in "", "" or "<dl>" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"<frames>" should have a "title" attribute</div> <div> Bug</div>
<div>"<fieldset>" tags should contain a "<legend>"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>